Name of work: Package1 a Improvements to playgrounds at Thanisandra Village at Ward No 06 b Improvements to Suvarana Mahotsava Play Ground on Vidyaranyapura Main road at Ward No 09 c Improvements to playgrounds at Ward No 11 Kuvempunagarad Developmental Works to Play ground stadium Ward No 05 Jakkur e Developmental works to Play ground Stadium Sahakaranagara Ward No 08 Kodigehalli

Date of Measurement:

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery,							
	Vidyaranyapura							
	Eastern side		1	30.00			30.00	
			1	3.30			3.30	
			1	30.00			30.00	
			1	14.20			14.20	
			1	19.00			19.00	
			1	30.00			30.00	
			1	20.40			20.40	
	Northen side		1	30.00			30.00	
			1	16.50			16.50	
	Skating ground surround		1	20.00			20.00	
			1	20.00			20.00	
			1	30.00			30.00	
			1	30.00			30.00	
	Basketball ground surround		1	30.00			30.00	
			1	20.00			20.00	
			1	20.00			20.00	
	Western side		1	16.00			16.00	
			1	30.00			30.00	
			1	30.00			30.00	
			1	19.00			19.00	
			1	30.00			30.00	
			1	9.00			9.00	
	Tatanagar							
	Footpath pathway		2	90.00			180.00	
			2	86.00			172.00	
			2	40.00			80.00	
			2	36.00			72.00	
							1001.40	
						Total Qty	**2225.00**	**Nos**
						Qty paid in 2nd and part bill	**0.00**	**Nos**
						Present Qty in 3rd bill	**2225.00**	**Nos**

Checked.
E.E. (Project)

NEWZEN CONSULTANT BANGALORE
K.R
PMC

Contractor

Assistant Engineer 5/12/19

Asst. Executive Engineer
Project Division
Velahanka Zone
Bangalore

Name of work: Package1 a Improvements to playgrounds at Thanisandra Village at Ward No 06 b Improvements to Suvarana Mahotsava Play Ground on Vidyaranyapura Main road at Ward No 09 c Improvements to playgrounds at Ward No 11 Kuvempunagarad Developmental Works to Play ground stadium in Ward No 05 Jakkur e Developmental works to Play ground Stadium Sahakaranagara Ward No 08 Kodigehalli

Date of Measurement:

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
12	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint as per							
	Chainlink Fencing							
	Vidyaranyapura, West side		1	19.50		3.10	60.45	
			1	20.50		3.10	63.55	
			1	30.00		3.10	93.00	
			1	30.00		3.10	93.00	
			1	30.00		3.10	93.00	
			1	5.80		3.10	17.98	
	North side		1	26.80		3.10	83.08	
	East side		1	30.00		3.10	93.00	
			1	20.20		3.10	62.62	
			1	1.20		3.10	3.72	
	2nd Bill							
	Kuvempunagar							
	South side		1	30.00		3.00	90.00	
			1	3.00		3.00	9.00	
			1	14.60		3.00	43.80	
	West side	a	1	30.00		3.00	90.00	
		a	1	18.50		3.00	55.50	
		b	1	26.40		3.00	79.20	
		c	1	30.00		3.00	90.00	
		c	1	30.00		3.00	90.00	
		c	1	4.00		3.00	12.00	
	North side		1	30.00		3.00	90.00	
			1	8.00		3.00	24.00	
	Vidyaranyapura, side extension		1	21.30		0.95	20.24	
	Indoor stadium side extension		1	12.90		1.20	15.48	
	Lawn tennis fencing		1	30.00		3.40	102.00	
			1	15.40		3.40	52.36	
	Football fencing		1	30.00		3.40	102.00	
			1	30.00		3.40	102.00	
			1	2.00		3.40	6.80	
	Singapura Lake Beside Fencing							
	A		1	23.40		3.00	70.20	

5/12

E. Engineer (Project)

	B		1	30.00		3.00	90.00	
			1	18.60		3.00	55.80	
	C		1	30.00		3.00	90.00	
	D		1	30.00		3.00	90.00	
			1	6.10		3.00	18.30	
	E		1	30.00		3.00	90.00	
			1	13.70		3.00	41.10	
	F		1	5.10		3.00	15.30	
	G		1	19.70		3.00	59.10	
	H		1	30.00		3.00	90.00	
			1	30.00		3.00	90.00	
			1	30.00		3.00	90.00	
			1	30.00		3.00	90.00	
	Temple side rising		1	20.20		1.20	24.24	
	Indoor stadium side rising		1	13.30		1.50	19.95	
						Total Qty	**2761.77**	**Sqm**
						Qty paid in 2nd and part bill	**1737.78**	**Sqm**
						Present Qty in 3rd bill	**1023.99**	**Sqm**

checked.

E.E. (Projects)

NEWZEN CONSULTANT BANGALORE

PMC

Contractor

Assistant Engineer 5/12/19

Asst. Executive Engineer, 5/12/19
Project Division
Velahanka Zone
Bangalore

Name of work: Package1 a Improvements to playgrounds at Thanisandra Village at Ward No 06 b Improvements to Suvarana Mahotsava Play Ground on Vidyaranyapura Main road at Ward No 09 c Improvements to playgrounds at Ward No 11 Kuvempunagarad Developmental Works to Play ground stadium in Ward No 05 Jakkur e Developmental works to Play ground Stadium Sahakaranagara Ward No 08 Kodigehalli

Date of Measurement:

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 ems. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) as per direction of Engineer-in-charge.							
	Chainlink Fencing							
	Vidyaranyapura		109	3.80			414.20	
	2nd Bill							
	Kuvempunagar		112	3.80			425.60	
	Vidyaranyapura, Temple side extension		11	1.00			11.00	
	Indoor stadium side extension		7	1.20			8.40	
	Lawn tennis fencing		22	4.00			88.00	
	Football fencing		32	4.00			128.00	
	3rd Bill							
	Singapura Lake Beside Fencing		171	3.80			649.80	
	Temple side rising		11	1.10			12.10	
	Indoor stadium side rising		7	1.50			10.50	
						Total Qty	**1747.60**	**m**
						Qty paid in 2nd and part bill	**1075.20**	**m**
						Present Qty in 3rd bill	**672.40**	**m**

checked
A.E. (Project)

Contractor

Assistant Engineer 5/12/19

NEWZEN CONSULTANTS BANGALORE

PMC

5/12/19

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Package1 a Improvements to playgrounds at Thanisandra Village at Ward No 06 b Improvements to Suvarana Mahotsava Play Ground on Vidyaranyapura Main road at Ward No 09 c Improvements to playgrounds at Ward No 11 Kuvempunagarad Developmental Works to Play ground stadium in Ward No 05 Jakkur e Developmental works to Play ground Stadium Sahakaranagara Ward No 08 Kodigehalli

Date of Measurement:

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
14	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc.,							
	Chainlink Fencing							
	Vidyaranyapura, West side		3	19.50			58.50	
			3	20.50			61.50	
			3	30.00			90.00	
			3	30.00			90.00	
			3	30.00			90.00	
			3	5.80			17.40	
	North side		3	26.80			80.40	
	East side		3	30.00			90.00	
			3	20.20			60.60	
			3	1.20			3.60	
	2nd Bill							
	Kuvempunagar							
	South side		4	30.00			120.00	
			4	3.00			12.00	
			4	14.60			58.40	
	West side	a	4	30.00			120.00	
		a	4	18.50			74.00	
		b	4	26.40			105.60	
		c	4	30.00			120.00	
		c	4	30.00			120.00	
		c	4	4.00			16.00	
	North side		4	30.00			120.00	
			4	8.00			32.00	
	Vidyaranyapura, Temple side extension		1	21.30			21.30	
	Indoor stadium side extension		1	12.90			12.90	
	Lawn tennis fencing		4	45.40			181.60	
	Football fencing		4	62.00			248.00	
	3rd Bill							
	Singapura Lake Beside Fencing							
	A		4	23.40			93.60	
	B		4	30.00			120.00	
			4	18.60			74.40	
	C		4	30.00			120.00	

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E.E. (Project)

	D		4	30.00			120.00	
			4	6.10			24.40	
	E		4	30.00			120.00	
			4	13.70			54.80	
	F		4	5.10			20.40	
	G		4	19.70			78.80	
	H		4	30.00			120.00	
			4	30.00			120.00	
			4	30.00			120.00	
			4	30.00			120.00	
	Temple side rising		1	20.20			20.20	
	Indoor stadium side rising		1	13.30			13.30	
						Total Qty	**3343.70**	**m**
						Qty paid in 2nd and part bill	**2003.80**	**m**
						Present Qty in 3rd bill	**1339.90**	**m**

checked. 5/12/19 (Project)

NEWZEN CONSULTANTS BANGALORE

Contractor

Assistant Engineer 5/12/19

PMC

Asst. Executive Engineer 5/12/19
Project Division
Yelahanka Zone
Bangalore

Name of work: Package1 a Improvements to playgrounds at Thanisandra Village at Ward No 06 b Improvements to Suvarana Mahotsava Play Ground on Vidyaranyapura Main road at Ward No 09 c Improvements to playgrounds at Ward No 11 Kuvempunagarad Developmental Works to Play ground stadium in Ward No 05 Jakkur e Developmental works to Play ground Stadium Sahakaranagara Ward No 08 Kodigehalli

Date of Measurement:

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
16	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340Kg, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, Unties and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, .pillars, posts, struts, buttresses, string or lacing							
	3rd Bill							
	Vidyaranyapura							
	Entrance Culvert							
	Raft		1	8.60	2.40	0.30	6.19	
	Wall		2	8.60	0.35	1.20	7.22	
	Slab		1	8.60	2.40	0.30	6.19	
	Parapet		2	2.40	0.20	0.95	0.91	
	Play Area, Hard surface							
	Skating Ground		1	30.50	20.40	0.20	124.44	
	Basketball Ground		1	30.40	20.40	0.20	124.03	
	Vidyaranyapura							
	Gallery Pedestal		8	0.95	0.45	1.20	4.10	
	Tatanagar							
	Play Area							
	Basketball Ground		1	30.00	20.00	0.20	120.00	
						Total Qty	**393.10**	**Cum**
						Qty paid in 2nd and part bill	**0.00**	**Cum**
						Present Qty in 3rd bill	**393.10**	**Cum**

Checked. 5/12 E.E. (Project)

NEWZEN CONSULTANT BANGALORE

K.R PMC

Contractor

Assistant Engineer 5/12/19

Asst. Executive Engineer, Project Division Yelahanka Zone Bangalore 6/12/19

Name of work: Package1 a Improvements to playgrounds at Thanisandra Village at Ward No 06 b Improvements to Suvarana Mahotsava Play Ground on Vidyaranyapura Main road at Ward No 09 c Improvements to playgrounds at Ward No 11 Kuvempunagarad Developmental Works to Play ground stadium in Ward No 05 Jakkur e Developmental works to Play ground Stadium Sahakaranagara Ward No 08 Kodigehalli

Date of Measurement:

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
23	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge ar.d polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, letc., complete as per specification.							
	3rd Bill							
	Vidyaranyapura							
	For Gallery 8 Pillars							
	Base Plate = 3 Nos, 42 kg/plate	8.00	1	3.00		42.00	1008.00	
	10 rods, 16mm dia, 1.2m depth, 1.6kg/m	8.00	10	1.20		1.60	153.60	
	10 bolts, 150gram	8.00	10			0.15	12.00	
	100mm dia tube for truss, 16.2kg/m, 3+2.5+4+3.7	8.00	13.2			16.20	1710.72	
	40mm dia pipe, 5.8kg/m, 8*0.5+7*0.44	8.00	7.08			5.80	328.51	
	Support pipes, 7 span							
	5nos in each span, 6m length	7.00	30			16.20	3402.00	
						Total Qty	**6614.83**	**Kg**
						Qty paid in 2nd and part bill	**0.00**	**Kg**
						Present Qty in 3rd bill	**6614.83**	**Kg**
						Upto 125%	**1721.25**	**Kg**
						Above 125%	**4893.58**	**Kg**

E.E. (Project) 5/12/19

NEWZEN CONSULTANT BANGALORE

Contractor

PMC

Assistant Engineer 5/12/19

Asst. Executive Engineer 5/12/19

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore